

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016600.D
 Acq On : 06 Jun 2020 19:14
 Operator : SY/MD
 Sample : L2895-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0M3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.315	64	70	84	rVB	146488	148982	6.50%	1.157%
2	1.560	140	146	161	rVB	108217	127889	5.58%	0.993%
3	2.116	310	319	331	rVB	237115	350644	15.31%	2.723%
4	2.373	397	399	401	rVB2	1231	488	0.02%	0.004%
5	2.479	430	432	434	rBV3	1293	745	0.03%	0.006%
6	2.846	541	546	551	rBV8	1645	1870	0.08%	0.015%
7	2.868	551	553	554	rBV	638	219	0.01%	0.002%
8	2.907	564	565	568	rBV3	623	221	0.01%	0.002%
9	3.061	611	613	614	rBV2	858	326	0.01%	0.003%
10	3.148	638	640	642	rBV2	915	422	0.02%	0.003%
11	3.174	646	648	649	rBV	1161	508	0.02%	0.004%
12	3.328	694	696	703	rVB7	1600	1698	0.07%	0.013%
13	3.370	703	709	712	rBV8	1513	1438	0.06%	0.011%
14	3.444	729	732	733	rBV3	1032	456	0.02%	0.004%
15	3.486	743	745	748	rBV4	931	560	0.02%	0.004%
16	3.566	768	770	771	rBV	497	203	0.01%	0.002%
17	3.611	781	784	787	rVB4	1694	1004	0.04%	0.008%
18	3.630	789	790	792	rVB	658	244	0.01%	0.002%
19	3.643	792	794	797	rBV2	1162	756	0.03%	0.006%
20	3.682	802	806	808	rBV4	1320	813	0.04%	0.006%
21	3.894	862	872	902	rBV	104287	291946	12.74%	2.267%
22	4.373	1003	1021	1045	rBV	212864	523948	22.87%	4.069%
23	4.569	1080	1082	1083	rBV2	1376	530	0.02%	0.004%
24	4.691	1117	1120	1122	rBV4	1404	968	0.04%	0.008%
25	4.740	1133	1135	1137	rBV3	1108	590	0.03%	0.005%
26	4.775	1143	1146	1147	rBV2	1471	879	0.04%	0.007%
27	4.846	1163	1168	1171	rBV7	1490	1663	0.07%	0.013%
28	4.897	1179	1184	1186	rBV4	2336	1738	0.08%	0.013%
29	4.926	1190	1193	1196	rBV5	1435	1153	0.05%	0.009%
30	4.955	1198	1202	1205	rBV5	1130	1097	0.05%	0.009%
31	4.990	1211	1213	1215	rVB4	1394	515	0.02%	0.004%
32	5.003	1215	1217	1219	rBV2	1351	752	0.03%	0.006%
33	5.071	1221	1238	1263	rBV2	505981	1298114	56.66%	10.082%
34	5.322	1314	1316	1317	rBV2	1432	617	0.03%	0.005%

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 Title : VOC Analysis

35	5.412	1342	1344	1347	rBV4	1428	862	0.04%	0.007%
36	5.492	1366	1369	1370	rBV3	1239	656	0.03%	0.005%
37	5.640	1403	1415	1437	rBV	430873	850735	37.13%	6.607%
38	5.839	1475	1477	1480	rVB4	1276	574	0.03%	0.004%
39	6.016	1531	1532	1534	rBV2	1316	678	0.03%	0.005%
40	6.093	1544	1556	1579	rVB	291759	590335	25.77%	4.585%
41	6.209	1590	1592	1594	rBV2	1975	1201	0.05%	0.009%
42	6.306	1613	1622	1641	rBV3	49185	101686	4.44%	0.790%
43	6.733	1753	1755	1757	rBV3	1611	620	0.03%	0.005%
44	6.788	1770	1772	1773	rBV2	858	378	0.02%	0.003%
45	6.862	1793	1795	1796	rBV2	836	287	0.01%	0.002%
46	6.904	1805	1808	1809	rBV2	1329	526	0.02%	0.004%
47	6.920	1809	1813	1815	rVV4	1898	1279	0.06%	0.010%
48	7.006	1830	1840	1859	rBV2	161122	286444	12.50%	2.225%
49	7.264	1916	1920	1922	rBV3	1402	1071	0.05%	0.008%
50	7.338	1931	1943	1962	rBV	597620	1029703	44.95%	7.997%
51	7.640	2028	2037	2053	rBV2	114013	191944	8.38%	1.491%
52	7.797	2084	2086	2089	rBV3	1150	796	0.03%	0.006%
53	7.952	2128	2134	2136	rBV7	2268	2690	0.12%	0.021%
54	8.106	2172	2182	2205	rBV	399816	663947	28.98%	5.157%
55	8.257	2218	2229	2254	rBV	1425835	2290955	100.00%	17.793%
56	8.775	2387	2390	2393	rBV3	1159	925	0.04%	0.007%
57	8.875	2409	2421	2438	rBV	649221	1047270	45.71%	8.134%
58	9.077	2482	2484	2485	rBV2	1234	569	0.02%	0.004%
59	9.116	2494	2496	2497	rBV2	1382	625	0.03%	0.005%
60	9.276	2544	2546	2548	rVB2	1114	400	0.02%	0.003%
61	9.296	2548	2552	2554	rBV4	1606	893	0.04%	0.007%
62	9.428	2591	2593	2596	rBV3	1236	729	0.03%	0.006%
63	9.479	2607	2609	2612	rBV3	1163	763	0.03%	0.006%
64	9.704	2675	2679	2681	rBV4	2399	1815	0.08%	0.014%
65	9.829	2711	2718	2735	rVB	41522	64473	2.81%	0.501%
66	10.100	2800	2802	2804	rBV3	985	482	0.02%	0.004%
67	10.238	2834	2845	2861	rBV	414779	638780	27.88%	4.961%
68	10.659	2974	2976	2978	rBV3	972	475	0.02%	0.004%
69	11.055	3094	3099	3100	rBV4	1975	1437	0.06%	0.011%
70	11.170	3127	3135	3148	rBV3	46383	70514	3.08%	0.548%
71	11.270	3156	3166	3183	rVB	672924	1032977	45.09%	8.023%

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72	11.646	3271	3283	3298	rBV	649447	1015931	44.35%	7.890%
73	12.026	3392	3401	3415	rBV2	60442	98368	4.29%	0.764%
74	12.366	3498	3507	3523	rBV2	47937	73999	3.23%	0.575%
75	12.598	3577	3579	3581	rBV3	1521	863	0.04%	0.007%
76	12.669	3599	3601	3604	rBV4	1535	726	0.03%	0.006%
77	13.524	3862	3867	3868	rBV4	2247	1833	0.08%	0.014%
78	13.681	3913	3916	3918	rBV3	1593	1107	0.05%	0.009%
79	14.157	4060	4064	4067	rBV5	1805	1585	0.07%	0.012%
80	14.202	4070	4078	4090	rVV8	20569	32992	1.44%	0.256%
81	14.633	4208	4212	4213	rBV4	1412	699	0.03%	0.005%
82	14.697	4230	4232	4233	rBV2	881	366	0.02%	0.003%
83	14.842	4274	4277	4281	rBV4	1332	971	0.04%	0.008%
84	15.167	4376	4378	4380	rBV3	2547	1698	0.07%	0.013%

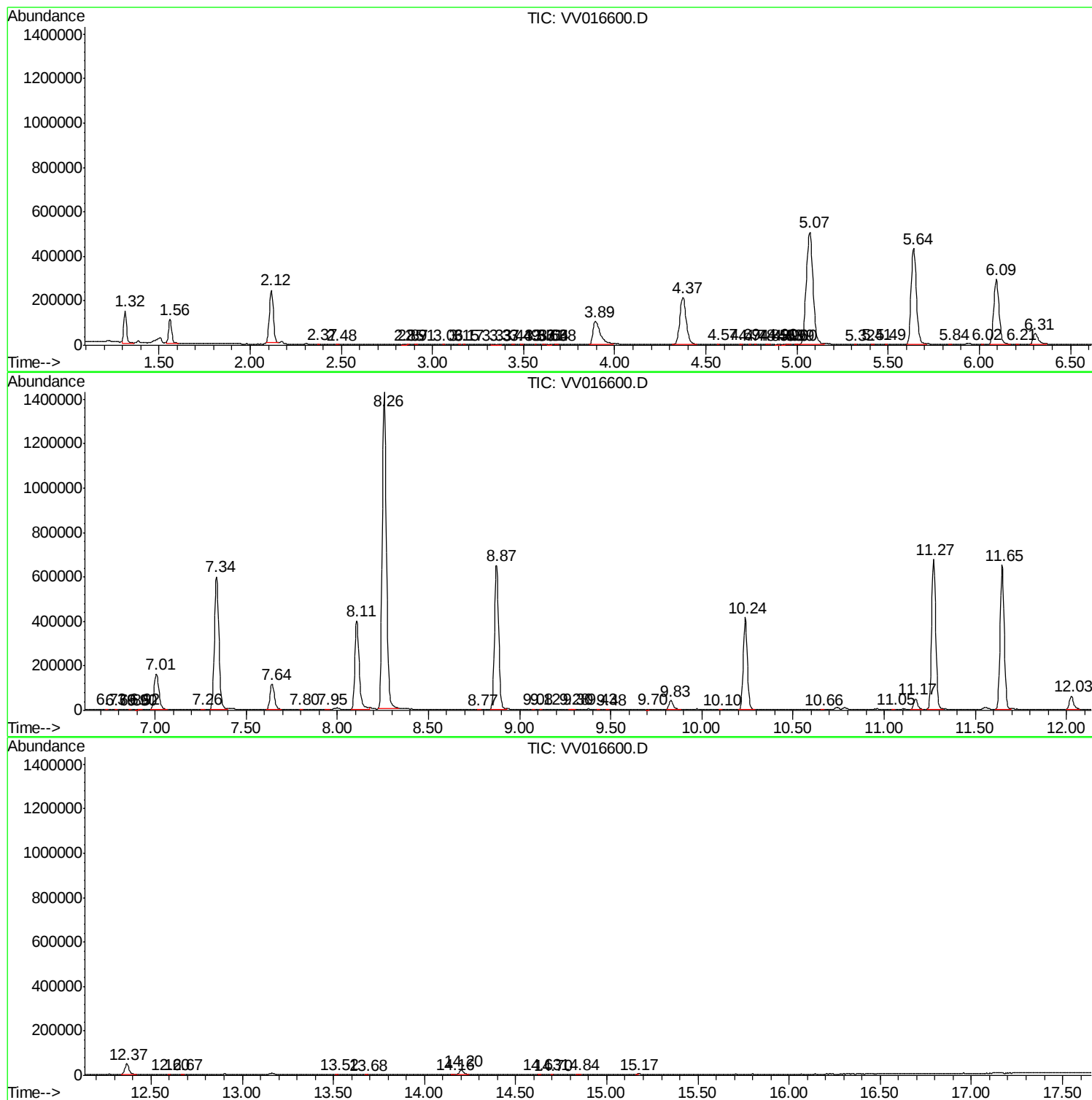
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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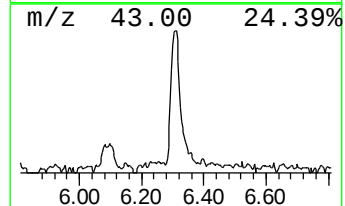
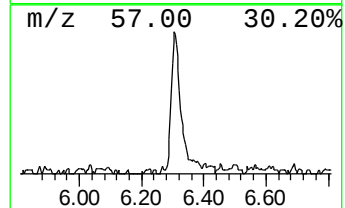
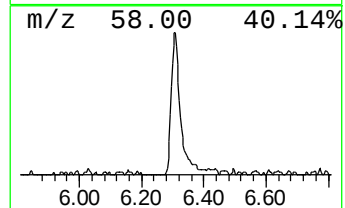
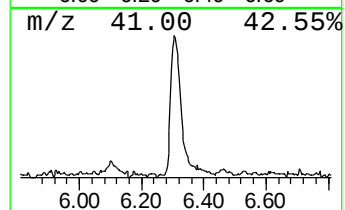
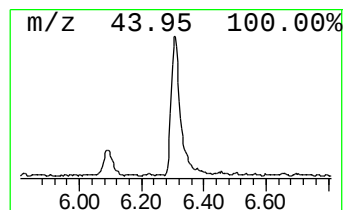
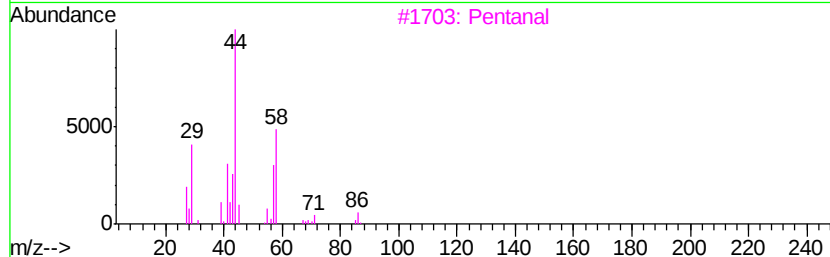
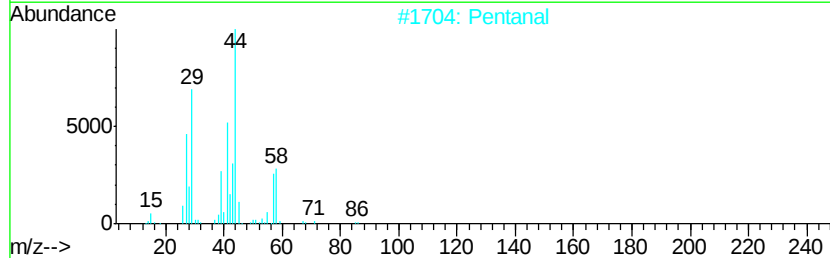
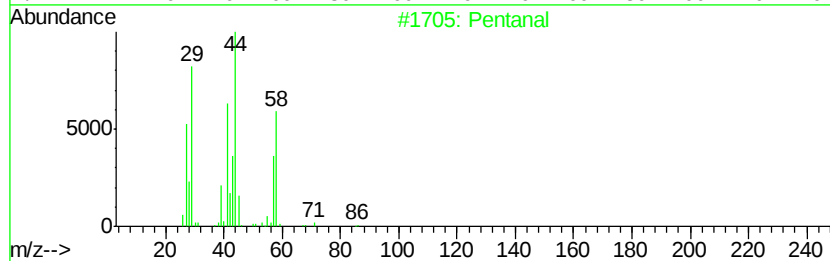
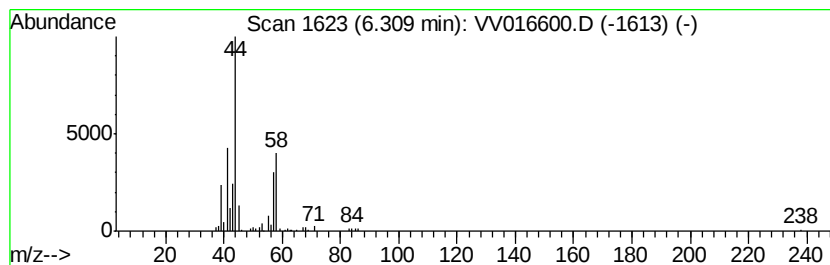
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	5.98 ug/L	101686	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	86
2		Pentanal	86	C5H10O	000110-62-3	72
3		Pentanal	86	C5H10O	000110-62-3	64
4		Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	33



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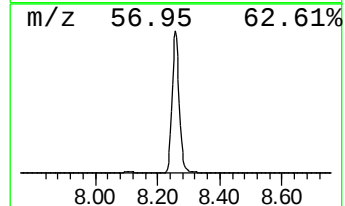
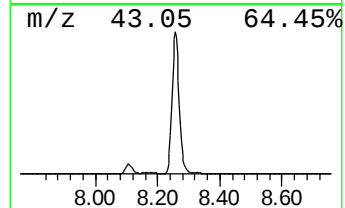
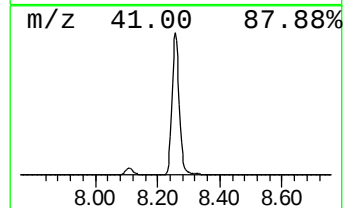
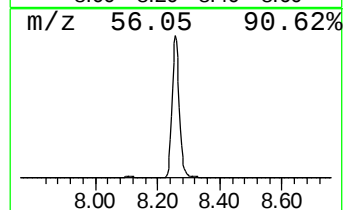
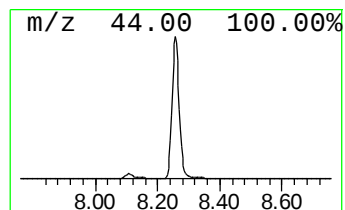
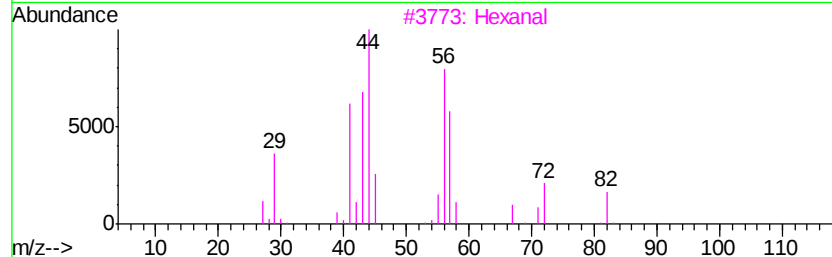
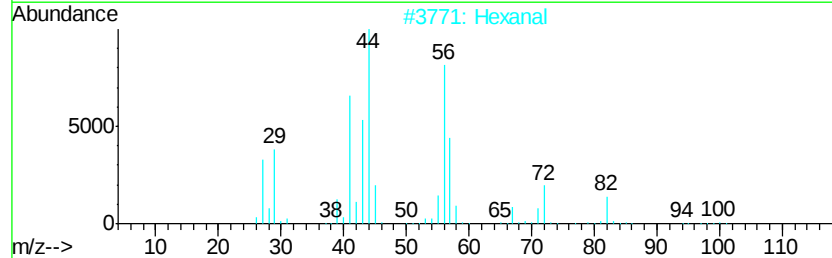
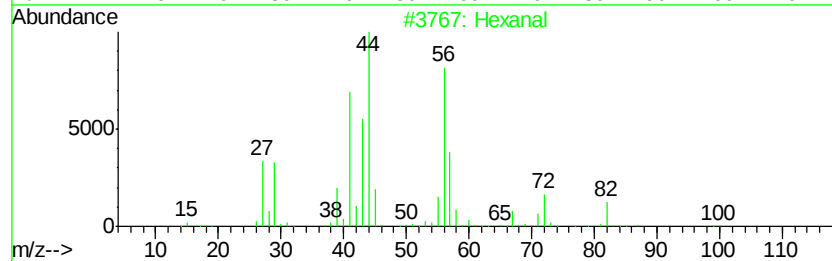
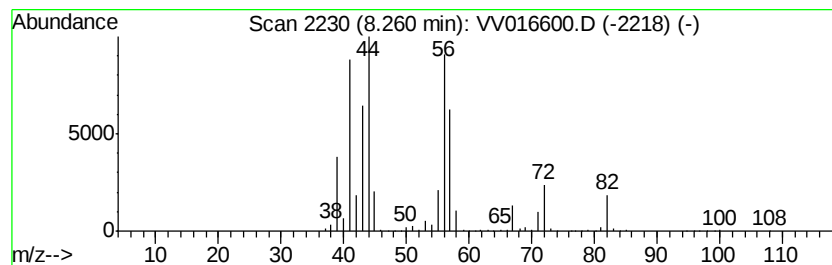
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	109.38 ug/L	2290960	Chlorobenzene-d5	8.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	91
2	Hexanal		100	C6H12O	000066-25-1	90
3	Hexanal		100	C6H12O	000066-25-1	90
4	Hexanal		100	C6H12O	000066-25-1	83
5	Glutaraldehyde		100	C5H8O2	000111-30-8	43



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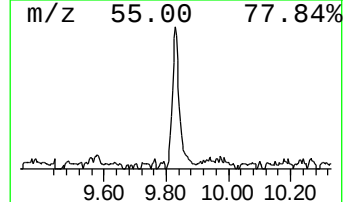
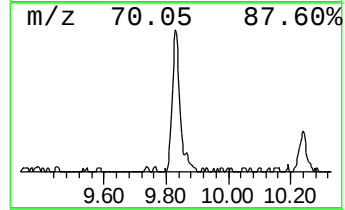
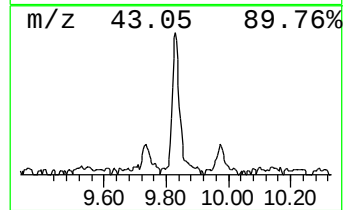
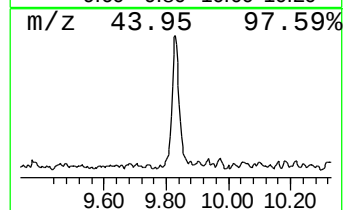
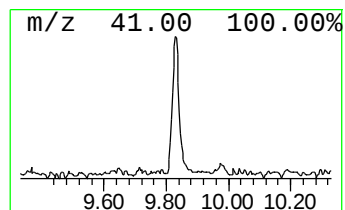
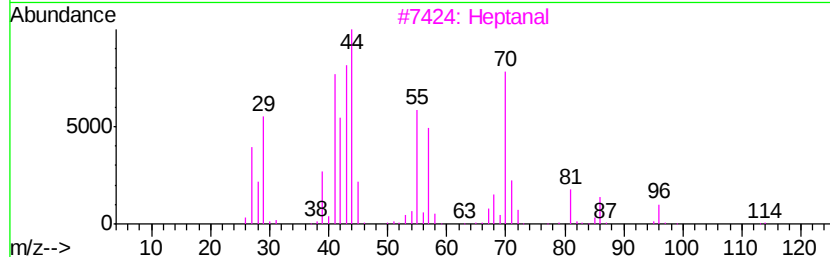
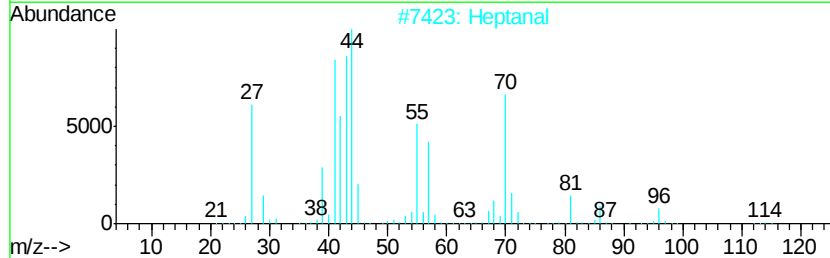
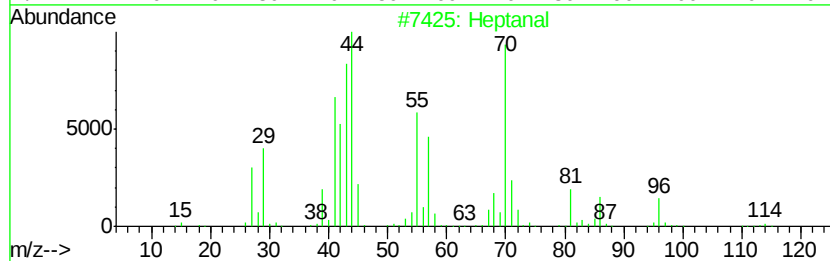
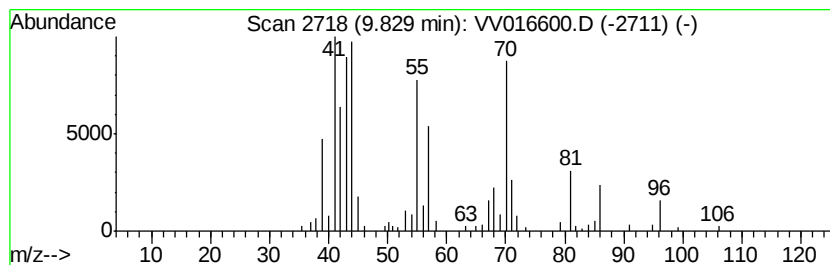
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	3.08 ug/L	64473	Chlorobenzene-d5	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanal	114	C7H14O	000111-71-7	64
2		Heptanal	114	C7H14O	000111-71-7	64
3		Heptanal	114	C7H14O	000111-71-7	59
4		Heptanal	114	C7H14O	000111-71-7	50
5		2-Methyl-1-butene	70	C5H10	000563-46-2	38



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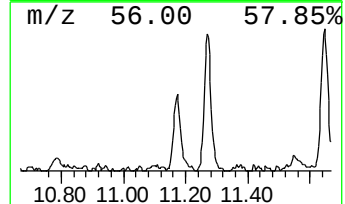
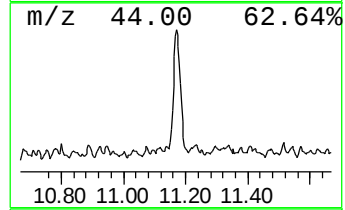
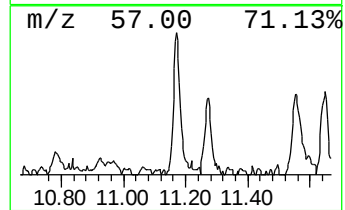
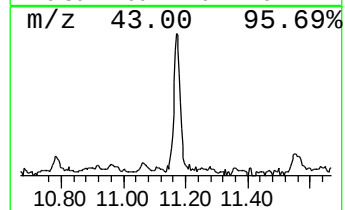
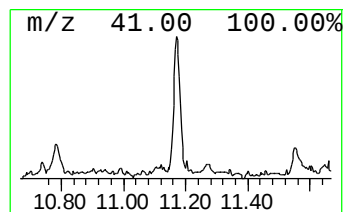
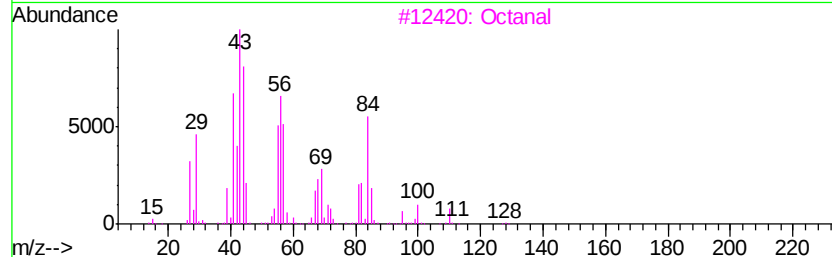
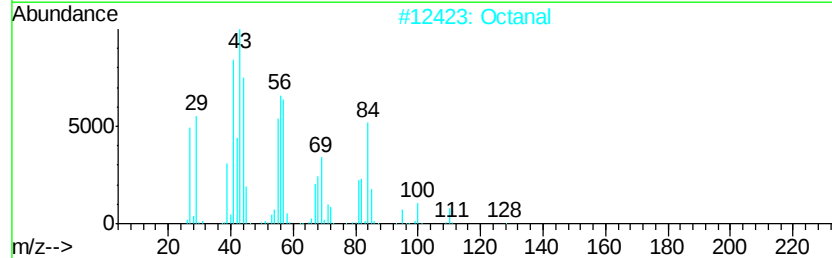
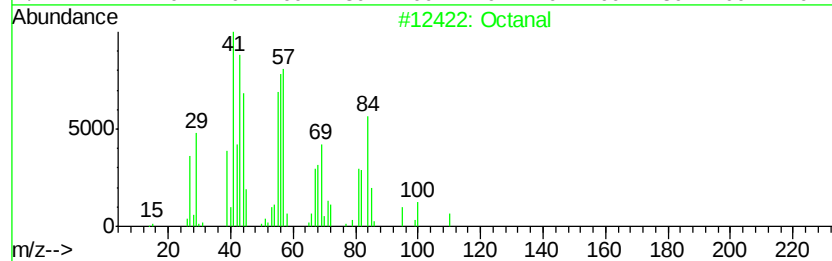
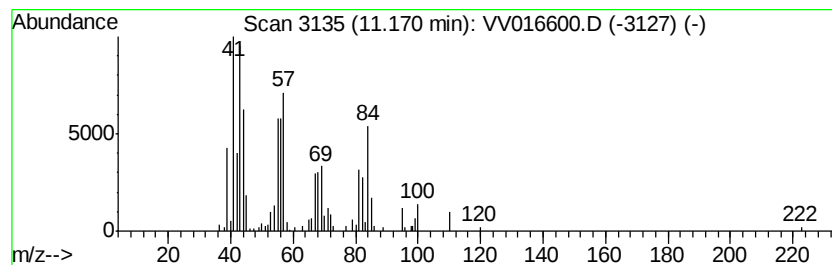
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.41 ug/L	70514	1,4-Dichlorobenzene-d4	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal		128	C8H16O	000124-13-0	91
2	Octanal		128	C8H16O	000124-13-0	90
3	Octanal		128	C8H16O	000124-13-0	90
4	Octanal		128	C8H16O	000124-13-0	80
5	Octanal		128	C8H16O	000124-13-0	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060620\
Data File : VV016600.D
Acq On : 06 Jun 2020 19:14
Operator : SY/MD
Sample : L2895-21
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW0M3

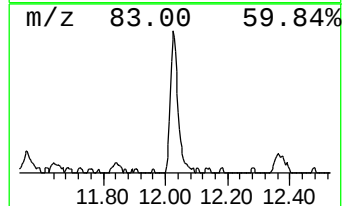
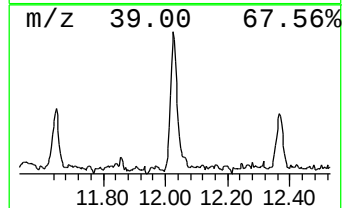
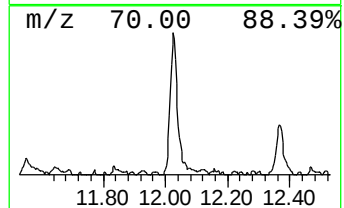
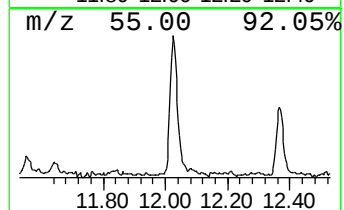
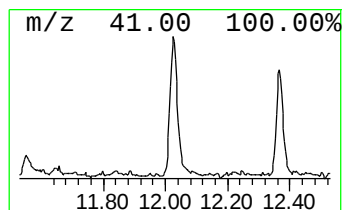
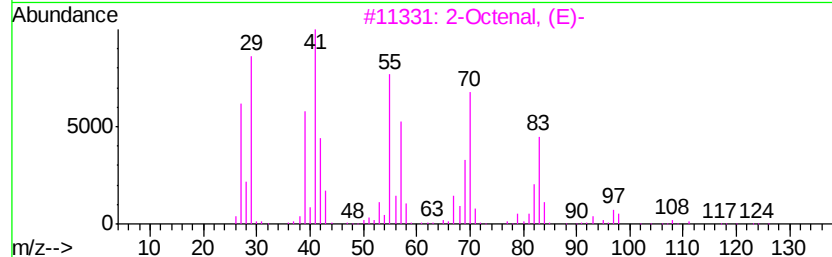
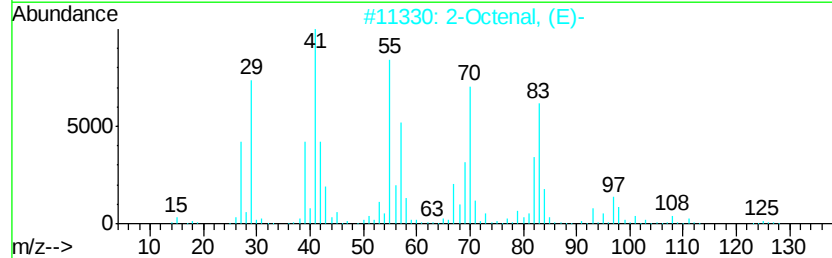
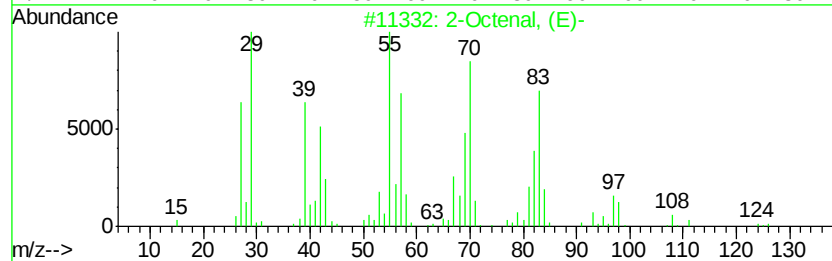
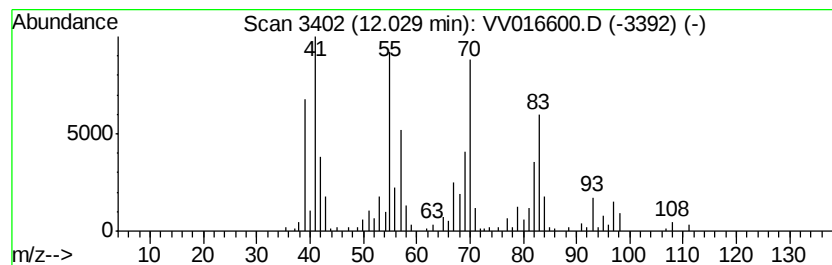
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Octenal, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.76 ug/L	98368	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octenal, (E)-	126	C8H14O	002548-87-0	91
2		2-Octenal, (E)-	126	C8H14O	002548-87-0	90
3		2-Octenal, (E)-	126	C8H14O	002548-87-0	72
4		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49
5		2-Pentene, (E)-	70	C5H10	000646-04-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060620\
Data File : VV016600.D
Acq On : 06 Jun 2020 19:14
Operator : SY/MD
Sample : L2895-21
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW0M3

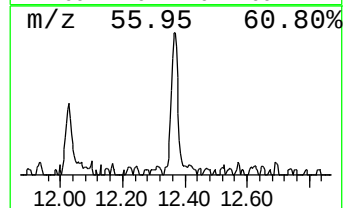
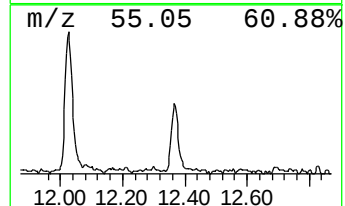
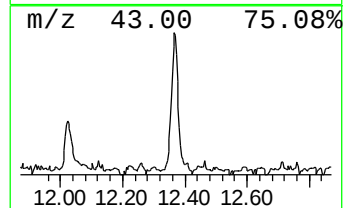
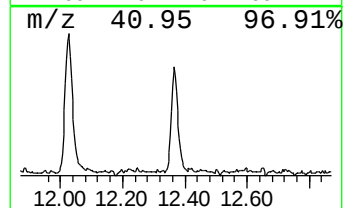
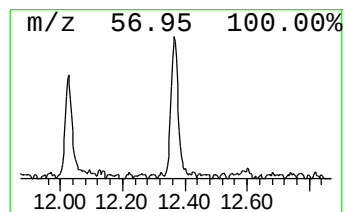
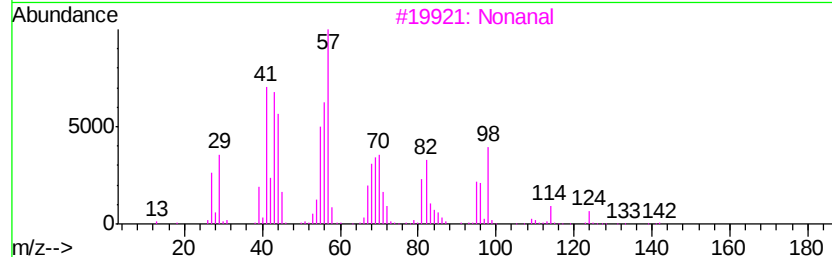
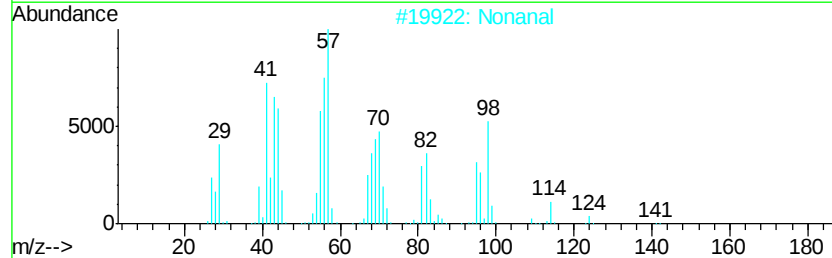
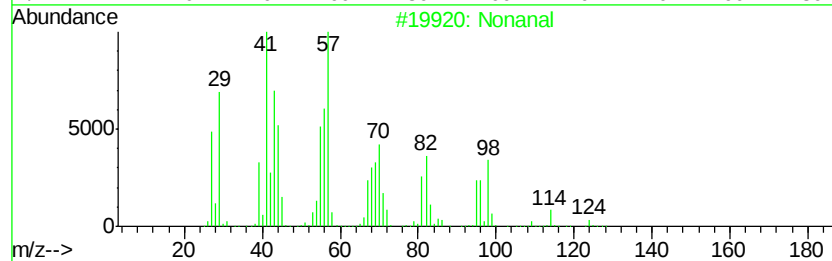
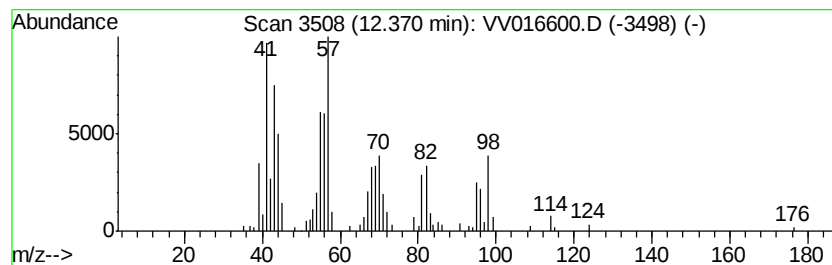
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.58 ug/L	73999	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	90
2		Nonanal	142	C9H18O	000124-19-6	87
3		Nonanal	142	C9H18O	000124-19-6	87
4		Nonanal	142	C9H18O	000124-19-6	86
5		Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060620\
Data File : VV016600.D
Acq On : 06 Jun 2020 19:14
Operator : SY/MD
Sample : L2895-21
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW0M3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	6.31	6.0	ug/L	101686	1	5.64	850735	50.0
Hexanal	8.26	109.4	ug/L	2290960	2	8.87	1047270	50.0
Heptanal	9.83	3.1	ug/L	64473	2	8.87	1047270	50.0
Octanal	11.17	3.4	ug/L	70514	3	11.27	1032980	50.0
2-Octenal, (E)-	12.03	4.8	ug/L	98368	3	11.27	1032980	50.0
Nonanal	12.37	3.6	ug/L	73999	3	11.27	1032980	50.0